

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: To Be Assigned  
Applicant: T. Yamaguchi et al.  
Filed: Herewith  
Title: METHOD AND APPARATUS FOR PROCESSING A DATA SERIES  
INCLUDING PROCESSING PRIORITY DATA (AS AMENDED)  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Confirmation No.: To Be Assigned  
Docket No.: MDA-2880US1

**DIVISIONAL OF:**

Application No.: 09/194,008  
Applicant: Takao Yamaguchi et al.  
Filed: March 17, 1999  
Title: AUDIO-VIDEO TRANSMITTER AND AUDIO-VIDEO RECEIVER, DATA-  
PROCESSING APPARATUS AND METHOD, WAVEFORM-DATA-  
TRANSMITTING METHOD AND APPARATUS AND WAVEFORM-DATA-  
RECEIVING METHOD AND APPARATUS, AND VIDEO-TRANSMITTING  
METHOD AND APPARATUS AND VIDEO-RECEIVING METHOD AND  
APPARATUS  
TC/A.U.: 2611  
Examiner: Victor R. Kostak  
Confirmation No.: 2694  
Docket No.: MDA-2880US

**INFORMATION DISCLOSURE STATEMENT*****Mail Stop PATENT APPLICATION***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (R&P) submitted herewith.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not

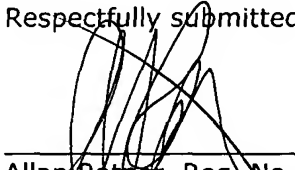
intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Under 37 C.F.R. § 1.98(d), copies of the patents and publications listed on the enclosed PTO Form 1449 are not required to be provided, because they were cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/194,008, filed March 17, 1999, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

This information disclosure statement is being filed with the above-referenced application. No fee or certification is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

  
Allan Ratner, Reg. No. 19,717  
Jack J. Jankovitz, Reg. No. 42,690  
Attorneys for Applicants

AR/fp

Enclosure: PTO Form 1449

Dated: July 24, 2003

Suite 301, One Westlakes, Berwyn  
P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

**EXPRESS MAIL: Mailing Label Number: EV 331 707 667 US**  
**Date of Deposit: July 24, 2003**

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
KATHLEEN LIBBY

Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 3

**Complete if Known**

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	T. Yamaguchi et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	MDA-2880US1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US 6,094,457	07/00	Linzer et al.	Entire document.
		US 5,117,145	04/97	Huang et al.	Entire document.
		US 5,699,474	12/16/97	Suzuki et al.	Entire document.
		US 6,088,360 A	07/11/00	Amaral et al.	Entire document.
		US 5,512,939 A	04/30/96	Zhou	Entire document.
		US 5,231,492 A	07/27/93	Dangi et al.	Entire document.
		US 5,928,330 A	07/27/99	Goetz et al.	Entire document.

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 02-86241 (with English abstract)	03/27/90		Entire document.	<input type="checkbox"/>
		JP 03-276941 (with English abstract)	12/09/91		Entire document.	<input type="checkbox"/>
		JP 04-92536 (with English abstract)	03/25/92		Entire document.	<input type="checkbox"/>
		JP 05-30138 (with English abstract)	2/5/93		Entire document.	<input type="checkbox"/>
		JP 05-64167 (with English abstract)	3/12/93		Entire document.	<input type="checkbox"/>
		JP 05-137125 (with English abstract)	6/1/93		Entire document.	<input type="checkbox"/>
		JP 05-327758 (with English abstract)	12/10/93		Entire document.	<input type="checkbox"/>
		JP 06-339137 (with English abstract)	12/06/94		Entire document.	<input type="checkbox"/>
		JP 07-264573 (with English abstract)	10/13/95		Entire document.	<input type="checkbox"/>
		JP 07-312756 (with English abstract)	11/28/95		Entire document.	<input type="checkbox"/>
		JP 08-18524 (with English abstract)	01/19/96		Entire document.	<input type="checkbox"/>
		JP 09-191453 (with English abstract)	07/22/97		Entire document.	<input type="checkbox"/>
		JP 09-?14447 (with English abstract)	08/15/97		Entire document.	<input type="checkbox"/>
		JP 10-164530 (with English abstract)	06/19/98		Entire document.	<input type="checkbox"/>
		JP 10-232658 (with English abstract)	09/02/98		Entire document.	<input type="checkbox"/>
		JP 10-243374 (with English abstract)	09/11/98		Entire document.	<input type="checkbox"/>

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for <b>Form 1449/PTO</b>  <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Complete if Known</th> </tr> <tr> <td style="width: 50%;">Application Number</td> <td>To Be Assigned</td> </tr> <tr> <td>Filing Date</td> <td>Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>T. Yamaguchi et al.</td> </tr> <tr> <td>Art Unit</td> <td>To Be Assigned</td> </tr> <tr> <td>Examiner Name</td> <td>To Be Assigned</td> </tr> <tr> <td>Attorney Docket No.</td> <td>MDA-2880US1</td> </tr> </table>	Complete if Known		Application Number	To Be Assigned	Filing Date	Herewith	First Named Inventor	T. Yamaguchi et al.	Art Unit	To Be Assigned	Examiner Name	To Be Assigned	Attorney Docket No.	MDA-2880US1
Complete if Known															
Application Number	To Be Assigned														
Filing Date	Herewith														
First Named Inventor	T. Yamaguchi et al.														
Art Unit	To Be Assigned														
Examiner Name	To Be Assigned														
Attorney Docket No.	MDA-2880US1														
SHEET 2 of 3															

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 63-73786 (with English abstract)	4/4/88		Entire document.	<input type="checkbox"/>
		JP 05-244435 (with English abstract)	9/21/93		Entire document.	<input type="checkbox"/>
		JP 06-70307 (with English abstract)	3/11/94		Entire document.	<input type="checkbox"/>
		JP 06-276480 (with English abstract)	9/30/94		Entire document.	<input type="checkbox"/>
		JP 06-350649 (with English abstract)	12/22/94		Entire document.	<input type="checkbox"/>
		JP 08-294123 (with English abstract)	11/5/96		Entire document.	<input type="checkbox"/>
		JP 09-98430 (with English abstract) <sup>7</sup>	4/8/97		Entire document.	<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>Substitute for Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>	<b>Complete if Known</b>	
	Application Number	To Be Assigned
	Filing Date	Herewith
	First Named Inventor	T. Yamaguchi et al.
	Art Unit	To Be Assigned
	Examiner Name	To Be Assigned
<b>SHEET 3 of 3</b>	Attorney Docket No.	<b>MDA-2880US1</b>

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		H. Shimamura et al., "A Modeling of Multimedia Presentation with Quality Control", Research Report of Information Processing Society, 94-DPS-66-20, pp. 115-120, July 8, 1994.	<input type="checkbox"/>
		S. Oh et al., "The QoS Architecture in the Distributed Multimedia System Symphony", Research Report of Information Processing Society, 95-DPS-70-7, pp. 39-44, May 25, 1995.	<input type="checkbox"/>
		Hiroshi Fujiwara "Salshin MPEG Kyokasho", ASCII, pp. 236-237, August 1, 1994 (with partial English translation).	<input type="checkbox"/>
		Notice of Reasons of Rejection for Japanese Application No. 2002-230064 mailed January 7, 2003 (with English translation).	<input type="checkbox"/>
		Decision of Rejection for Japanese Application No. 10-065582 mailed January 7, 2003 (with partial English translation).	<input type="checkbox"/>
		K. Hashimoto et al., "QoS Guarantee Functions for Continuous Media Services", Research Report of Information Processing Society, Vol. 95, No. 61, 95-DPS-71, pp. 97-102, July 13, 1995.	<input type="checkbox"/>
		D. Horie et al., "Realization of An Audio Adjustment Mechanism Considering Environment in A Distributed Multimedia System", Research Report of Information Processing Society, Vol. 96, No. 20, 96-DPS-75, pp. 79-84, March 1, 1996.	<input type="checkbox"/>
		T. Yamaguchi et al., "Synchronized Audio and Visual Decoding and Transmission Scheme that is tolerant to Variation of Processing Environment", Research Report of Information Processing Society, Vol. 98, No. 15, 98-OS-77 and 98-DPS-87-, pp. 147-153, February 27, 1998.	<input type="checkbox"/>
		T. Nakajima, "Operating System Supports for Continuous Media", ITE Technical Report Vol. 18, No. 39, pp. 43-48, July 7, 1994.	<input type="checkbox"/>
		Notice of Reasons for Rejection mailed September 17, 2002 for a corresponding Japanese patent application.	<input type="checkbox"/>
		Latest MPEG Handbook", Ascii Corporation, Tokyo, 12/21/95, p. 102-107 and 236-237.	<input type="checkbox"/>
		Japanese language search report for Int'l Appln. No. PCT/JP98/01084 dated July 21, 1998.	<input type="checkbox"/>
		English translation of Japanese language search report.	<input type="checkbox"/>

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO : Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.